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GDP Product Line



GDP offers a full line of Products that support: Telemetry Data Acquisition, Data Communications, and Satellite Tracking and Commanding. Some of the products that GDP has to offer include:

- Modulators
- Demodulators
- Receivers
- Bit Synchs
- Frame Synchs
- PCM Simulators
- BERTs
- Network Appliances and Multiplexers

For more information on GDP's products and services checkout our website or email us at info@gdsp.space.com.

GDP Space Systems Newsletter-MD2350

GDP Space Systems is pleased to inform you about our product of the month for September 2011. In this issue we will talk about our model 2350 Telemetry Gateway.

GDP will be demonstrating our products in October at the International Telemetry Conference (ITC) in Las Vegas. Come see us and discuss your application!

Featured Product

Model 2350 Telemetry Gateway



[Click on Image to see Data Sheet](#)

This month GDP Space Systems is providing you with an in-depth look at our Model 2350 Telemetry Gateway, Data Transport (PCM Telemetry Over IP). The **Model 2350 Telemetry Gateway** provides the necessary signal processing to pass telemetry data either to or from an Ethernet network (TMoIP). User programmability permits the unit to function as a **Telemetry-to-Ethernet** converter (packetizer) or as an **Ethernet-to-Telemetry** converter (de-packetizer). The Model 2350 is a 1U rack mount unit that can be provided in either a dual channel or quad channel configuration. Each channel is independent and supports a PCM data stream with associated coherent clock.

In a typical application, the inputs to the packetizer are received from PCM sources such as bit synchronizers connected to telemetry receivers. (Optionally, internal bit synchronizers are available). The data is then transported over the network to a remote unit. The de-packetizer function in the remote unit reconstructs the output clock and PCM data which can be directly connected to an external PCM frame synchronizer / decommutator. Alternatively, the packetizer can be provided with an internal frame synchronizer. With this option the packetizer will provide frame synchronization to the incoming stream. It will then byte-align the data in the packets with the start of frame identified. The packets can then be pulled off of the network and easily placed in a CVT (Current Value Table) for simplified processing and/or display by a downstream software

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decommutator.

About GDP Space Systems

GDP Space Systems, a division of Delta Information Systems, is a recognized leading supplier of high quality state-of-the-art aerospace telemetry products and systems. GDP products are in use worldwide at satellite ground terminals, telemetry ranges, and testing facilities.



GDP was conceived on the premise that we are driven by the needs of the customer. GDP works with its customers to provide the product that suits the application, embody that product with reliability, price the product fairly, and support the customer in every way possible.

For over 30 years, GDP has earned a reputation for delivering innovative, state-of-the-art and high performance designs to solve even the most complex tasks in a cost-effective manner.

Thank you for taking the time to read through our news letter. We hope that you were able to learn more about our featured product. If you have any questions, comments, or suggestions do not hesitate to contact GDP.

Sincerely,

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